

Title (en)  
HORIZONTAL MACHINING CENTRE

Title (de)  
HORIZONTALES BEARBEITUNGSZENTRUM

Title (fr)  
CENTRE D'USINAGE HORIZONTAL

Publication  
**EP 3683009 B1 20231122 (EN)**

Application  
**EP 17925242 A 20170913**

Priority  
JP 2017033112 W 20170913

Abstract (en)  
[origin: EP3683009A1] A machine tool (100) having at least two rotary feed axes (B, C) is provided with: a base (10); a column (20) which moves in a left-right direction (X); a main spindle head (22) which moves in a vertical direction (Y); and a table (30) which has a workpiece attachment surface (37a) and in which the workpiece attachment surface (37a) is oriented in a plurality of attitudes including a horizontal attitude and a vertical attitude. The column (20) is guided in the left-right direction (X) by means of an inclined linear motion guide (24) which faces forward and upward. The table (30) includes: a first table stand (35) having an inclined rotary guide (38) which faces backward and upward; and a second table stand (36) which is rotationally fed about an inclined axis (Oc) perpendicular to the inclined rotary guide (38). The inclined linear motion guide (24) of the column (20) and the inclined rotary guide (38) of the table (30) are disposed facing one another.

IPC 8 full level  
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